Index of Claims

Application No.

09/692,753

Date

Examiner

Applicant(s)

**KOYAMA ET AL** 

Art Unit

TAN N TRAN

2826

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√ Rejected
= Allowed

\_ (Through numeral) Cancelled

Claim

Restricted

Non-Elected

Interference

A Appeal

Objected

|          |            | _           |               |  |          |          | J            |  | L         |          |  |
|----------|------------|-------------|---------------|--|----------|----------|--------------|--|-----------|----------|--|
| Claim    |            | Date        |               |  |          |          |              |  |           |          |  |
| Claim    |            | +-          |               |  |          | uat      | e            | т—   |           |          |  |
| Final    | Original   | 20/21/25    |               |  |          |          |              |  |           |          |  |
|          | 1          | V           | t             |  | $\vdash$ | +        | ✝            | $\vdash$   | $^{+-}$   | +        |  |
|          | 2 3        | N           | $\vdash$      | İ  | T        | †        | t            | $\vdash$   | $\dagger$ | $\vdash$ |  |
| <u> </u> | 3          | じ           |               | <del>                                     </del> | $\vdash$ | $\vdash$ | t            | T  | +-        |          |  |
|          | 4          | N           | $\vdash$      |  | <u> </u> | ✝        | T            | $\vdash$   | ╁         | H        |  |
|          | <b>4</b> 5 | <b>!</b>    | <u> </u>      |  |          | T        | <del> </del> | $\vdash$   | T         | $\vdash$ |  |
|          | 6          | N           | $\vdash$      | T  | 1-       | t        | +-           | t  | T         | $\vdash$ |  |
|          | 7          | V           |               |  |          |          |              | <del>                                     </del> |           | $\Box$   |  |
|          | 8          | レスペン        | Ė             |  | 1        | $\vdash$ |              |  | †         |          |  |
|          | 9          | N           | _             |  |          | T        |              | <u> </u>   | 1         | Ħ        |  |
|          | 10         | N           |               |  |          | T        |              |  | †         | T        |  |
|          | 11<br>12   | V           |               | 1  |          | ✝        | T            | İ  | <b>†</b>  | T        |  |
|          | 12         | 1           |               |  |          |          |              | 1  |           | $\vdash$ |  |
|          | 13         | 1/          |               |  | Г        | İ        | T            | T  | T         | M        |  |
|          | 14<br>15   | N           | _             |  |          |          | 1            |  | T         | Ħ        |  |
|          | 15         | N<br>N<br>N |               | <u> </u>   |          |          | 尴            | 1  |           |          |  |
|          | 16         | V           |               |  | t        |          | T            | <b> </b>   | 1         | $\Box$   |  |
|          | 16<br>17   | N           | -             |  |          | 1        |              | $\vdash$   |           | Н        |  |
|          | 18         | Ħ           |               |  |          |          | T            |  | T         | $\vdash$ |  |
|          | 19         | П           |               |  |          |          | <u> </u>     |  | †         | H        |  |
|          | 20         |             |               |  |          |          | <b>†</b>     |  | T         | H        |  |
|          | 20<br>21   | T           |               |  |          |          | T-           |  | <u> </u>  | М        |  |
|          | 22         | N,          |               |  |          |          | †            | Ħ  | $\vdash$  |          |  |
|          | 23         | V           |               | -  |          |          |              | ╁  | f         | $\vdash$ |  |
|          | 24         | Z           |               |  |          |          | İ            |  | <u> </u>  | H        |  |
|          | 24<br>25   |             |               |  |          | ļ        |              |  | <u> </u>  |          |  |
|          | 26         | N           |               |  |          |          |              |  | <u> </u>  | $\vdash$ |  |
|          | 27         | Ñ           |               |  |          |          | -            |  |           |          |  |
|          | 27<br>28   | Ň           |               |  | <u> </u> |          |              |  |           |          |  |
|          | 29         | AJ.         |               |  |          |          |              |  |           |          |  |
|          | 30         | N           |               | -  |          |          | <u> </u>     |  |           |          |  |
|          | 31         | N           |               |  |          |          | $\vdash$     |  |           | П        |  |
|          | 32         | V           |               |  |          |          |              |  | 1         |          |  |
|          | 33         | N           | ,             |  |          |          |              | Г  |           |          |  |
|          | 34         | V           |               |  |          |          |              |  |           | $\Box$   |  |
|          | 35         | 2<2<2<2     | $\overline{}$ |  |          |          |              |  |           | П        |  |
|          | 36         | 1           |               |  |          |          |              |  |           |          |  |
|          | 37         | 7           |               |  |          |          |              |  |           |          |  |
|          | 38         |             |               |  |          |          |              |  |           |          |  |
|          | 39         |             |               |  |          |          | П            |  |           |          |  |
|          | 40         |             |               |  |          |          |              |  |           |          |  |
|          | 41         |             |               |  |          |          |              |  |           |          |  |
|          | 42         | N           |               |  |          |          |              |  |           |          |  |
|          | 43         | V           |               |  |          |          |              |  |           |          |  |
|          | 44         | N           | $\Box$        |  |          |          |              |  |           |          |  |
|          | 45         | M           |               |  |          |          |              |  |           |          |  |
|          | 46         | N           | $\Box$        |  |          |          |              |  |           |          |  |
|          | 47         | V           | $\Box$        |  |          |          |              |  |           |          |  |
| ]        | 48         | N           | ╝             |  |          |          |              |  |           |          |  |
|          | 49         | N           | J             |  |          |          |              |  |           |          |  |
|          | 50         | N           |               | _7   |          |          |              |  |           | $\neg$   |  |

| Final    |                | 17/25                |              |  |              |                 |              |              |          |          |
|----------|----------------|----------------------|--------------|--|--------------|-----------------|--------------|--------------|----------|----------|
|          | 51             | =                    |              |  |              |                 |              |              |          |          |
|          | 52             | П                    |              |  | 1            |                 |              | Τ            |          |          |
|          | 52<br>53       | Ħ                    | T            |  | T            |                 |              |              |          | 1        |
|          | 54             | #                    | 1            | 1  | <del> </del> | $\vdash$        | <del> </del> |              | -        | $\vdash$ |
| -        | 54<br>55       | ⇈                    | $t^-$        | H  | $\vdash$     | +               |              |              | $\vdash$ | ├─       |
|          | 56             | ╫                    | $\vdash$     | +-   | ┼            | $\vdash$        |              |              | $\vdash$ | $\vdash$ |
|          | 57             | بذا                  | <del> </del> | <del>                                     </del> | ╁╌           | +               |              | <del> </del> |          | -        |
|          | 58             | N                    | $\vdash$     | -  | -            | $\vdash$        |              | $\vdash$     |          |          |
| $\vdash$ | 59             | 16                   |              | $\vdash$   |              | ╁               | H            | <del> </del> | ļ        |          |
|          | 39             | H                    | ⊢            | $\vdash$   | ⊬            | <del> </del>    | <u> </u>     | _            |          |          |
|          | 60             | H                    | ├            | ┝  | _            | -               |              | _            | _        |          |
|          | 61             | H                    | ┝-           | ⊢  | ₩            | ـ               | ļ            |              |          |          |
|          | 62             | Ш                    | ┡            | L  | $\perp$      | <u> </u>        |              |              |          |          |
| ļ        | 63             | Ц,                   | igspace      |  | <u> </u>     | _               |              | L.,          |          |          |
| <u></u>  | 64             | N                    | _            |  |              | ļ               |              |              |          |          |
|          | 65             | ٧                    | 上            |  |              | L               | L            |              |          |          |
|          | 66             | Ш                    | <u> </u>     |  |              | L               |              |              |          |          |
|          | 67             | Ш                    |              |  |              |                 |              |              |          |          |
|          | 68             | Ш                    |              |  |              |                 |              |              |          |          |
|          | 69             | П                    |              |  | Γ            |                 |              |              |          |          |
|          | 70             | П                    |              |  |              |                 |              |              |          |          |
|          | 71             | П                    |              |  | T            | 1               |              |              |          |          |
|          | 71<br>72<br>73 | П                    |              |  |              |                 |              |              |          |          |
|          | 73             | Ħ                    |              |  |              |                 | _            |              |          |          |
| $\Box$   | 74             |                      | Ι.           | _  |              | i i             |              |              |          |          |
|          | 75             | П                    | 1            |  |              |                 |              | _            |          |          |
|          | 74<br>75<br>76 | 11-                  | ;            |  | <u> </u>     |                 |              |              |          |          |
|          | 77             | $^{\dagger \dagger}$ | 1            |  |              | -               |              |              |          | _        |
|          | 77<br>78       | H                    | †            | _  |              | t               |              |              |          |          |
|          | 79             | H                    |              |  |              |                 |              |              | $\dashv$ |          |
|          | 80             | V                    | -            |  |              |                 |              | $\dashv$     | $\dashv$ | _        |
|          | 81             | N                    | -            |  |              | Н               |              |              | $\dashv$ |          |
|          | 82             | ۲                    |              |  |              |                 | -            | $\dashv$     | $\dashv$ |          |
|          | 83             | -                    |              |  |              | Н               |              | -            | $\dashv$ | _        |
|          | 84             | H                    | $\vdash$     |  |              | H               | $\dashv$     | _            |          |          |
| <b></b>  | 85             | <del> </del>         |              |  | <u> </u>     |                 | $\dashv$     |              | $\dashv$ | _        |
| <b></b>  | 86             | ╫╴                   |              | _  | _            | ╁─┤             | $\dashv$     |              | $\dashv$ |          |
| <u> </u> | 87             | +                    | $\vdash$     |  | -            | $\vdash$        |              | $\dashv$     | $\dashv$ | $\dashv$ |
|          | 88             | +                    |              |  | $\vdash$     | Н               |              |              | -        |          |
|          | 89             | H–                   |              |  | -            | Н               |              | $\dashv$     | $\dashv$ |          |
| -        | 90             | +                    |              |  |              | Н               |              |              | $\dashv$ | _        |
| <b>-</b> | 91             | ╫                    | _            |  | _            | -               | $\dashv$     | $\dashv$     | $\dashv$ | $\dashv$ |
|          | 92             | +                    | H            | _  | _            | $\vdash$        | $\dashv$     | $\dashv$     | -        | $\dashv$ |
|          | 00             | +-                   |              | _  |              | $\vdash$        |              | -            | -+       | $\dashv$ |
| <u> </u> | 93             | +                    | $\vdash$     |  |              |                 | $\dashv$     |              | $\dashv$ | 4        |
|          | 94             | +                    | -            |  |              | $\vdash$        | $\dashv$     | $\dashv$     | $\dashv$ | -        |
| <b></b>  | 95<br>96       | +                    | $\vdash$     | $\dashv$   |              | $\vdash \vdash$ |              | $\dashv$     | $\dashv$ | _        |
|          |                | +                    |              |  |              | $\vdash$        | -            |              |          |          |
| $\vdash$ | 97             | +                    | -            |  |              | $\vdash$        | -            | $\dashv$     | $\dashv$ | $\dashv$ |
| <u> </u> | 98             | 44                   |              | _  |              | $\vdash$        | _            |              |          |          |
|          | 99             | 1                    |              | _  |              |                 |              | $\dashv$     |          | _        |
| L        | 100            | Ν                    |              |  |              |                 |              |              |          |          |

| Claim          |                   | Date     |          |  |          |  |          |  |              |  |  |
|----------------|-------------------|----------|----------|--|----------|--|----------|--|--------------|--|--|
|                |                   | ~^       |          |  |          |  |          |  | Γ            |  |  |
| Final          | Original          | 2 (2/8)  | <b>\</b> |  |          |  |          |  |              |  |  |
| i <del>.</del> | ļ.                | 2        | -        |  |          |  |          | 1  |              |  |  |
|                | Į.                | _        |          |  |          |  | <u> </u> |  |              | <u>.                                    </u> |  |
|                | 101<br>102        | N        |          | _  | _        |  |          |  |              |  |  |
|                | 102               | Ш        | L_       | <u> </u>   |          | <u> </u>   |          |  | <u> </u>     |  |  |
|                | 103               | 1        |          | <u> </u>   | <u> </u> |  | L        | _  | <u> </u>     | L  |  |
|                | 104<br>105        | Ц.       |          |  | _        | 1_   | <u> </u> | <u> </u>   |              |  |  |
|                | 105               | 1        | <u> </u> | _  | L        | <u> </u>   | <u> </u> | 1  | <u> </u>     |  |  |
|                | 106               | I,       | L        | _  | _        | ļ  | _        | _  | <u> </u>     | _  |  |
| -              | 107               | N        |          | ۰  | ├-       | ֈ_   | <u> </u> | ╀  |              | L  |  |
|                | 108               | <u>.</u> |          |  | <u> </u> | ļ  | -        | ╁  | ╄            | -  |  |
|                | 109               | _        |          |  | -        | ╆.   | ļ        | ├-   | ļ.,          | <b>-</b>                                     |  |
|                | 110               |          |          |  | ⊢        | ⊢  | ├        | 1  | ⊢            | -  |  |
|                | 111<br>112        | $\vdash$ | _        | -  | $\vdash$ | <del>                                     </del> | -        | <del> </del>                                     | -            | Н  |  |
|                | 112               | -        | _        | $\vdash$   | $\vdash$ | $\vdash$   | $\vdash$ | +  | <del> </del> | $\vdash$                                     |  |
|                | 113<br>114        |          |          |  | ⊢        | -  | $\vdash$ | +-   | ₩            | $\vdash$                                     |  |
|                | 114               | <u> </u> |          | -  | -        | ├  | -        | -  | -            | $\vdash$                                     |  |
| -              | 115               | Н        |          | $\vdash$   |          | <u> </u>   |          | $\vdash$   |              | $\vdash$                                     |  |
|                | 116<br>117        |          |          | -  |          | $\vdash$   | $\vdash$ | $\vdash$   | $\vdash$     | $\vdash$                                     |  |
|                | 117               |          |          |  |          | -  | $\vdash$ | $\vdash$   | ├            | $\vdash \vdash$                              |  |
|                | 118<br>119        | $\vdash$ | _        |  | -        | $\vdash$   | ├        | -  | $\vdash$     | $\vdash$                                     |  |
| _              | 120               |          | _        |  | $\vdash$ | ┢  | H        | ├  |              | $\vdash$                                     |  |
|                | 120               |          |          |  |          | <del> </del>                                     | $\vdash$ |  |              | Н  |  |
|                | 121<br>122<br>123 |          |          | _  | _        |  | -        | ⊢  | ⊢            | $\vdash$                                     |  |
|                | 123               | -        |          | <del>                                     </del> | -        |  |          | <del> </del>                                     | ├            | Н  |  |
|                | 124               | -        |          |  |          | -  |          | $\vdash$   |              | -  |  |
|                | 125               |          |          | -  | -        | -  |          |  | H            | -  |  |
|                | 126<br>127<br>128 |          |          |  |          |  | -        | -  |              | $\vdash$                                     |  |
|                | 127               |          |          | _  |          |  | -        |  |              | $\vdash$                                     |  |
|                | 128               |          |          | $\vdash$   |          |  | ├        | <u> </u>   | $\vdash$     | H  |  |
|                | 129               |          |          |  |          |  | ┢        | $\vdash$   | $\vdash$     |  |  |
|                | 129<br>130        |          |          |  |          | $\vdash$   | ┝        | ╁  |              | _  |  |
|                | 131               |          |          |  |          |  | $\vdash$ | H  |              | Н  |  |
|                | 132               |          |          |  | <u> </u> |  |          | <del>                                     </del> | T            |  |  |
|                | 133               |          |          |  |          |  |          |  |              | H  |  |
|                | 134               | 寸        |          |  |          | Г  | _        | l  |              | Н  |  |
|                | 135               | $\neg$   |          |  |          |  |          | ļ  |              | Н  |  |
|                | 136               | 一        |          |  |          |  |          | Γ  |              | П  |  |
|                | 137               |          |          |  |          |  |          |  |              |  |  |
|                | 138               |          |          |  |          |  |          |  |              |  |  |
|                | 139               |          |          |  |          |  |          |  |              |  |  |
|                | 140               |          |          |  |          |  |          |  |              |  |  |
|                | 141               | $\Box$   |          |  |          |  |          |  |              |  |  |
|                | 142               |          |          |  |          |  |          |  |              |  |  |
| I              | 143               |          |          |  |          |  |          |  |              |  |  |
|                | 144               |          |          |  |          |  |          |  |              |  |  |
|                | 145               | _        | $\Box$   | ]  |          |  |          |  |              |  |  |
| [              | 146               |          | $\Box$   |  |          |  |          |  |              | _]   |  |
|                | 147               | _        |          |  |          |  | ,        |  |              |  |  |
| ]              | 148               | _[       | $\prod$  | _]   |          |  |          |  |              | $\Box$                                       |  |
|                | 149               |          |          |  |          |  |          |  |              |  |  |
| [              | 150               |          |          |  |          |  |          |  |              |  |  |
|                |                   |          |          |  |          |  |          |  |              |  |  |